

City of Santa Clara

City of San José

Silicon Valley Power Resource Procurement

October 28, 2016

Agenda

- **Background and services**
- **Customer base**
- **Resources**



Grizzly Powerhouse

What is Silicon Valley Power?

- Established in 1896
- “Regulated” by City Council
- 53,000 customers
- \$385M annual budget
- \$28M+ to City General Fund
- 532 MW, 3500 GWh load



Scott Receiving Station



- 540 miles of distribution lines
- 10,500 poles
- 8,000 street lights
- 5,700 transformers and other devices

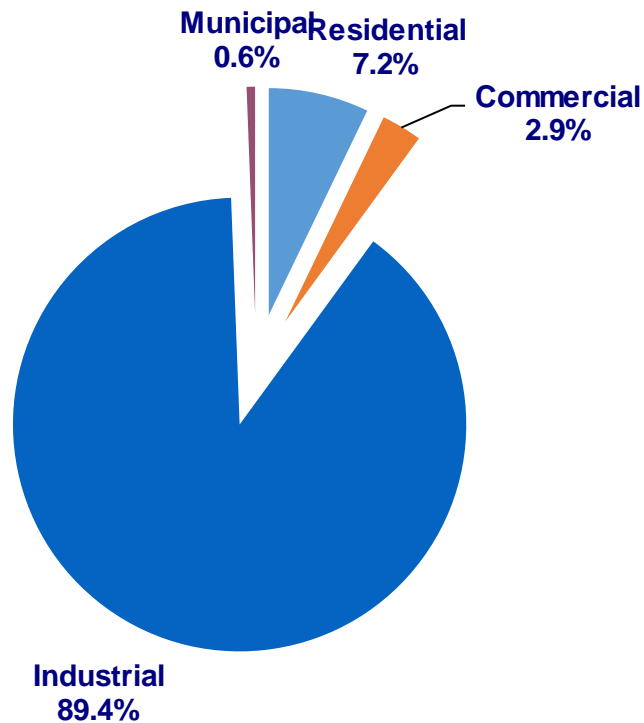
What does SVP do?

- Provide electricity to our customers
 - Generate electric energy
 - Transmit energy to service territory
 - Distribute energy to customers
 - Energy Efficiency, Solar and Green Power programs
- Other Services
 - Dark fiber optics
 - Street lighting
 - 24 hour non-911 dispatch
 - Traffic signal maintenance
 - SVP MeterConnect Wi-Fi



Average Monthly Customer Base – CY 2015

KWh Sales by Type

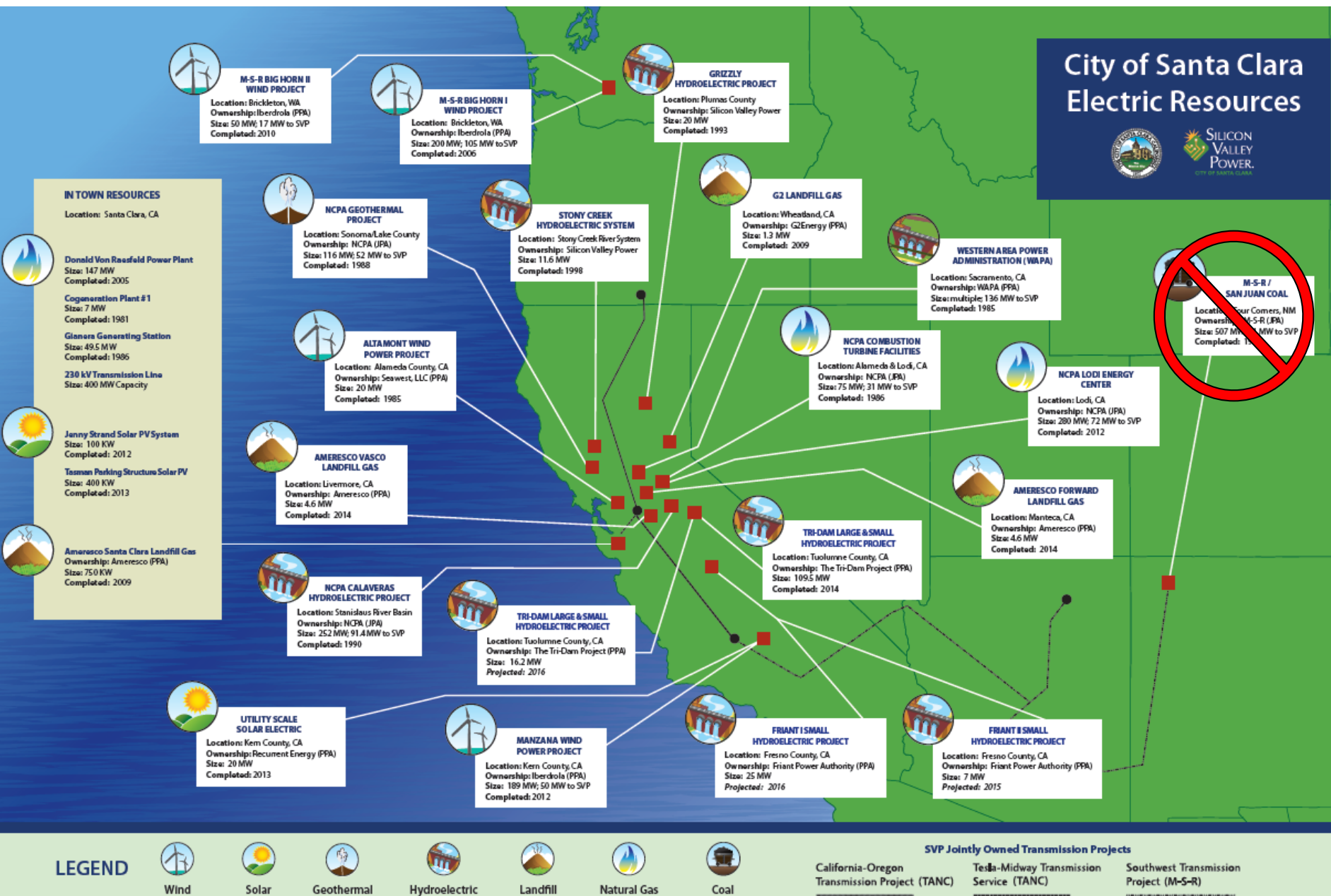


Customer Type	Accounts
Residential	45,139
Commercial	6,266
Industrial	1,688
Municipal	157



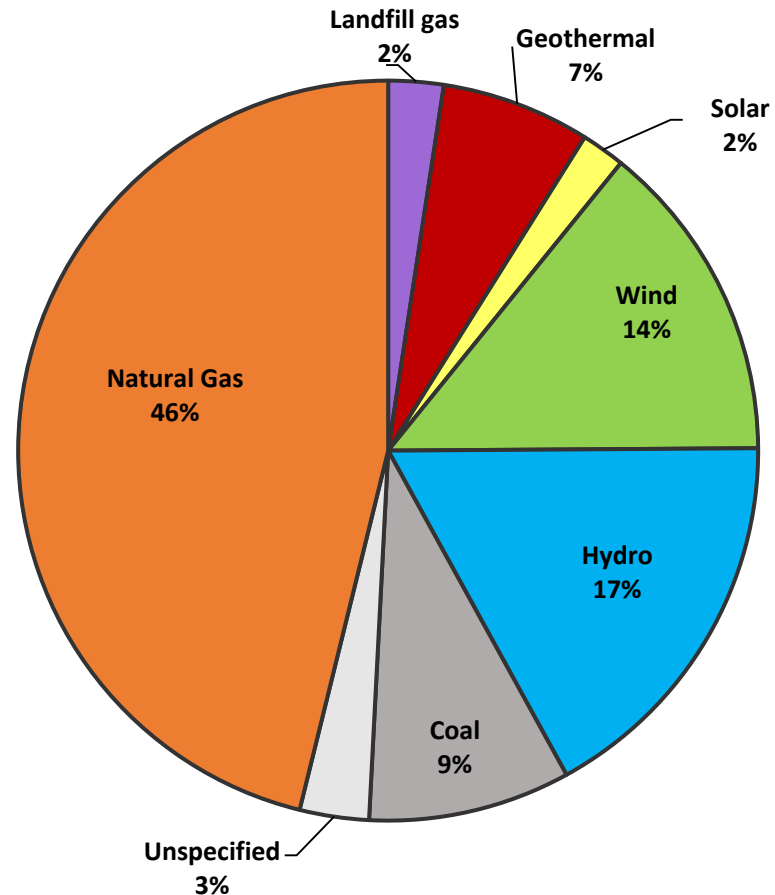
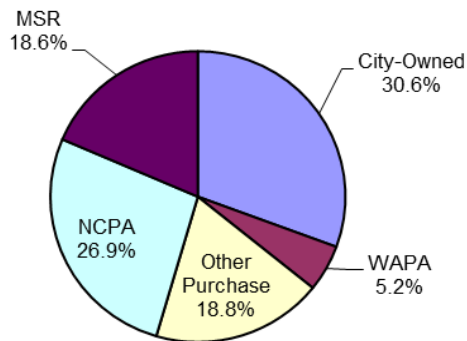
Stony Gorge Hydro Project

Diverse Portfolio: Type, Location, Ownership



SVP - Generation Mix 2015

- Normal Year - Hydroelectric ~22% of SVP's Portfolio
- 42% GHG Free

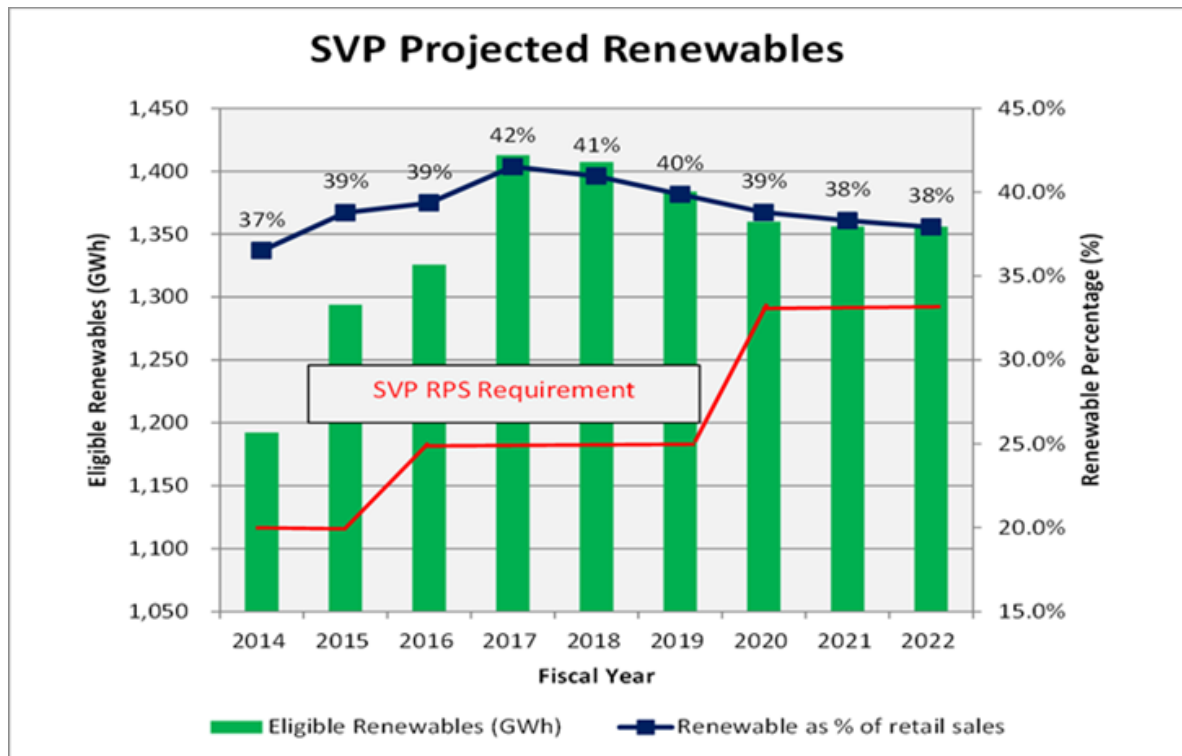


* 2015 Power Content Label

SVP and Renewable Energy

- Exceed State's 2020 goal of 33% for renewables (headed to 50% by 2030)
- Sell excess RECs to reinvest in additional renewable resources
- Well positioned to manage carbon reduction requirements

SVP Projected Renewables



Joint Powers Agencies (JPAs)



- Joint Powers Agencies (JPAs)
 - Northern California Power Agency (NCPA)
 - MSR Public Power Agency (MSR)
 - MSR Energy Authority (MSREA)
 - Transmission Agency of Northern California (TANC)



SVP Planning and Strategic Services



Ann Hatcher
SVP Assistant Director
Planning and Strategic Services

Jenny Strand Solar

Resource Planning &
Contracts

Risk Management

System Support/
Cyber Security

Customer Service
And Marketing

Pricing, Market
Analysis

Power Trading/
Scheduling

Risk Control
Analyst

System Support
Engineering

Fiber Enterprise

Forecasting/Debt
Management

System Contracts

Settlements
& Back Office

Network
Administration

Public Benefits
Programs

Legislative and
Regulatory Coord.

TANC & Western

Contract
Administration

Database
Administration

Energy Efficiency
& Solar

JPA Coordination

Accounts Payable

Control/
Communication

Key Customer
Representatives

15 Employees

9 Employees

9 Employees

11 Employees

3 Employees

Risk Management Policy

Policy Adopted by City Council

- Risk Oversight Committee (ROC)
 - City Manager, City Attorney, Director of Finance and the Director of Electric Utility
- Risk Management Committee (RMC)
 - Senior Staff members from each the above departments
 - Counter Party credit decisions and oversight
- Rules and Regulations
 - Adopted by ROC
- Delegations for the procurement of gas and energy

